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## Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims in the application:

1. (currently amended): A method of forming a self-aligned contact hole suitable for a semiconductor substrate having a pair of gate electrodes, comprising the steps of: forming a nitride etching stop layer over the gate electrode and the semiconductor substrate; forming an oxide insulating layer on the nitride etching stop layer; and plasma-etching the oxide insulating layer by an etching gas consisting of  $C_5F_8$  and  $CHF_3$  so as to form a self-aligned contact hole between the pair of gate electrodes, wherein the  $C_5F_8/CHF_3$  mixture ratio of the etching gas is between 0.4 and 0.75, thereby

2. (currently amended): [[A]] <u>The</u> method of forming a self-aligned contact hole as claimed in Claim 1, wherein the oxide insulating layer is BPSG.

equalizing the etching rate to the etching stop layer at the top

corner and the bottom of the contact hole.

- 3. (currently amended): [[A]] <u>The</u> method of forming a self-aligned contact hole as claimed in Claim 1, wherein the oxide insulating layer is silicon oxide formed by a reactive gas containing TEOS.
- 4. (currently amended): [[A]] <u>The</u> method of forming a self-aligned contact hole as claimed in Claim 1, wherein the nitride etching stop layer is silicon nitride.

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5. (currently amended): [[A]] The method of forming a self-aligned contact hole as claimed in Claim 1, wherein the nitride etching stop layer is silicon oxy-nitride.

- 6. (currently amended): [[A]] The method of forming a self-aligned contact hole as claimed in Claim 1, wherein the etching gas further comprises an inert gas.
- 7. (currently amended): [[A]] The method of forming a self-aligned contact hole as claimed in Claim 6, wherein the inert gas is argon gas.

Claims 8-22 (canceled)

- 23. (New) The method of forming a self-aligned contact hole as claimed in claim 1, wherein the pressure of the plasma chamber is kept at 30 to 70 mtorr in the steps of etching the oxide insulating layer.
- 24. (New) The method of forming a self-aligned contact hole as claimed in claim 1, wherein the oxide insulating layer is formed to have a thickness between 6,000 and 10,000 angstroms.
- 25. (New) The method of forming a self-aligned contact hole as claimed in claim 1, wherein the nitride etching stop layer in the contact hole is removed after the step of etching the oxide insulating layer by etching to expose the ion-implanting region.